

FIGURE 1

Rotor Angle Estimation

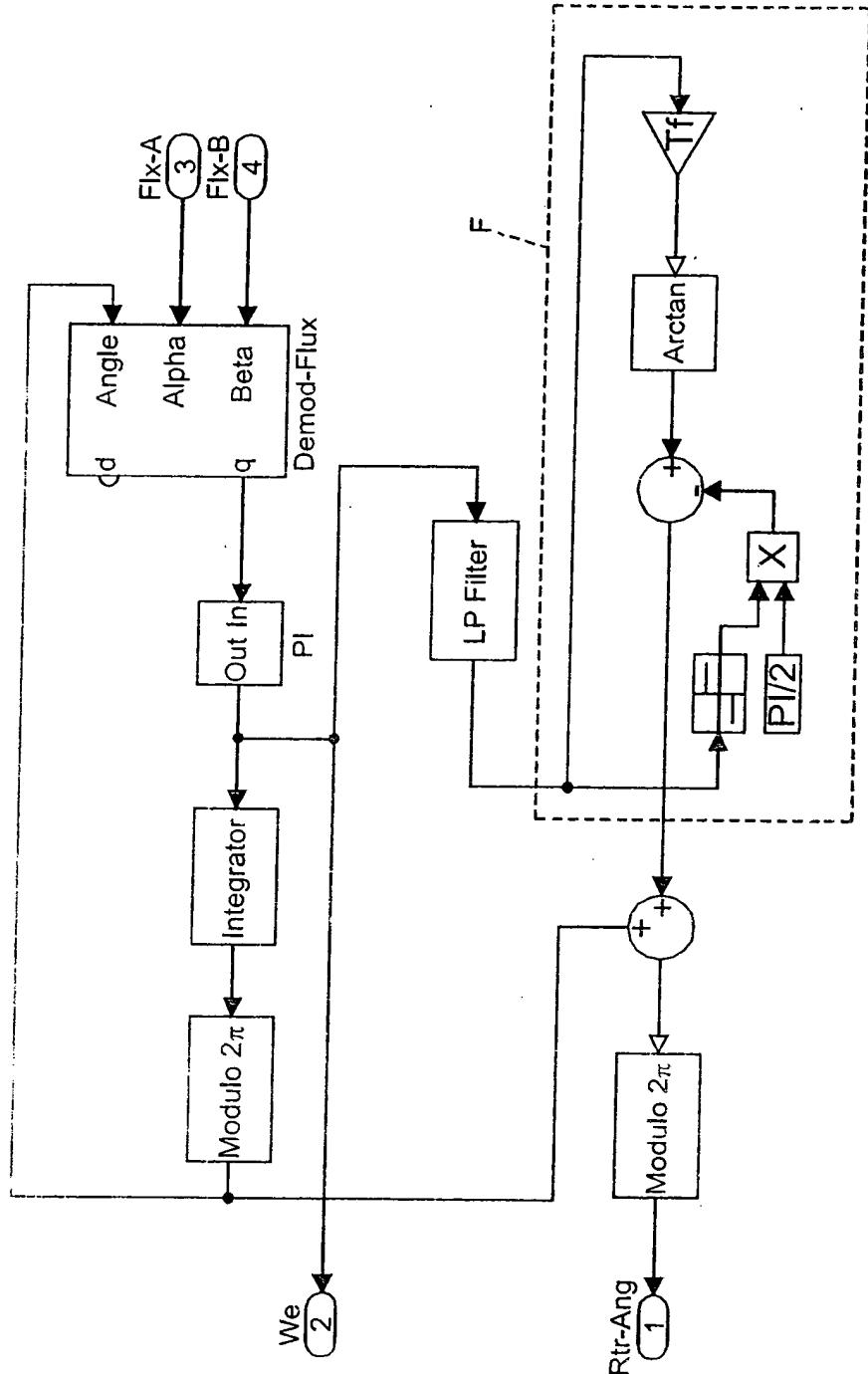


FIGURE 2

Magnet Flux Estimation

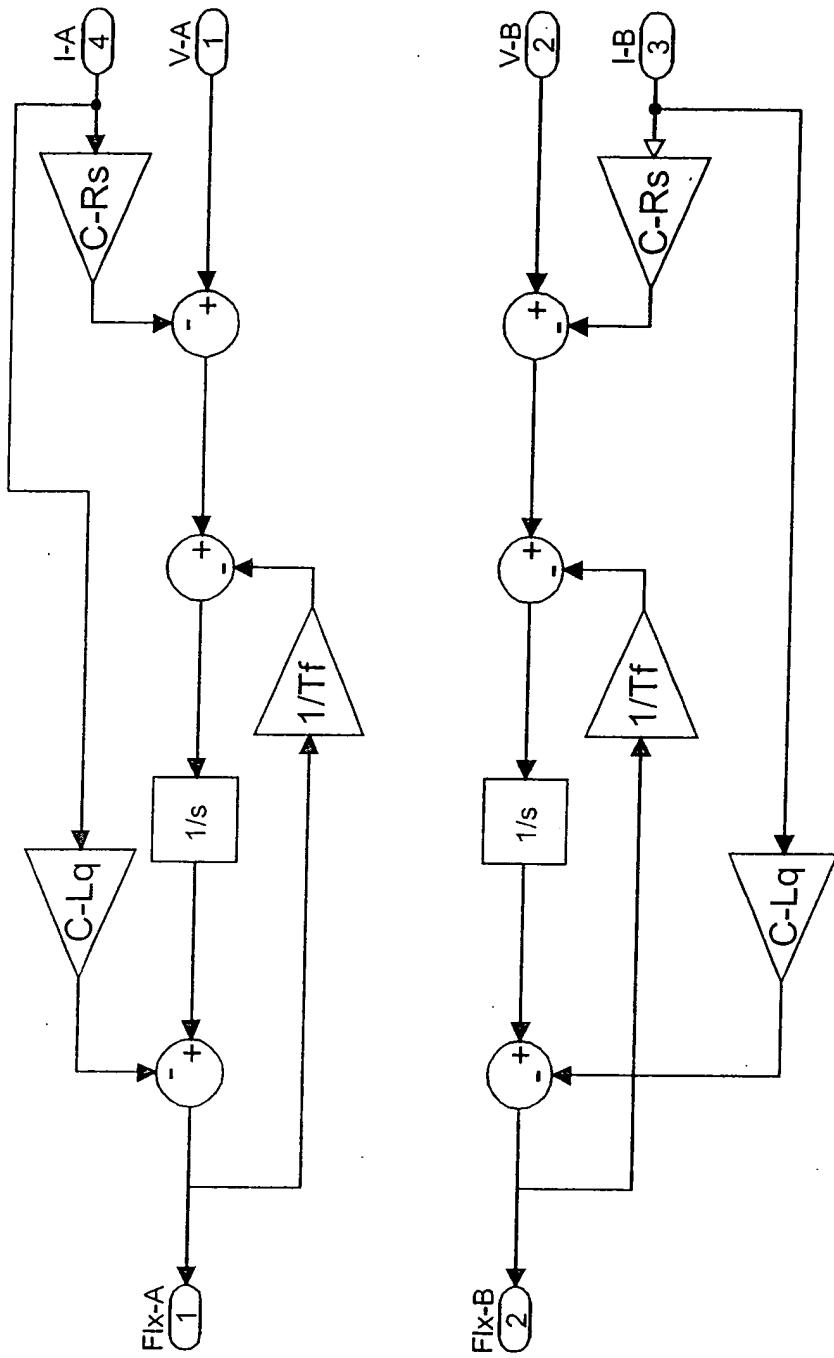


FIGURE 3

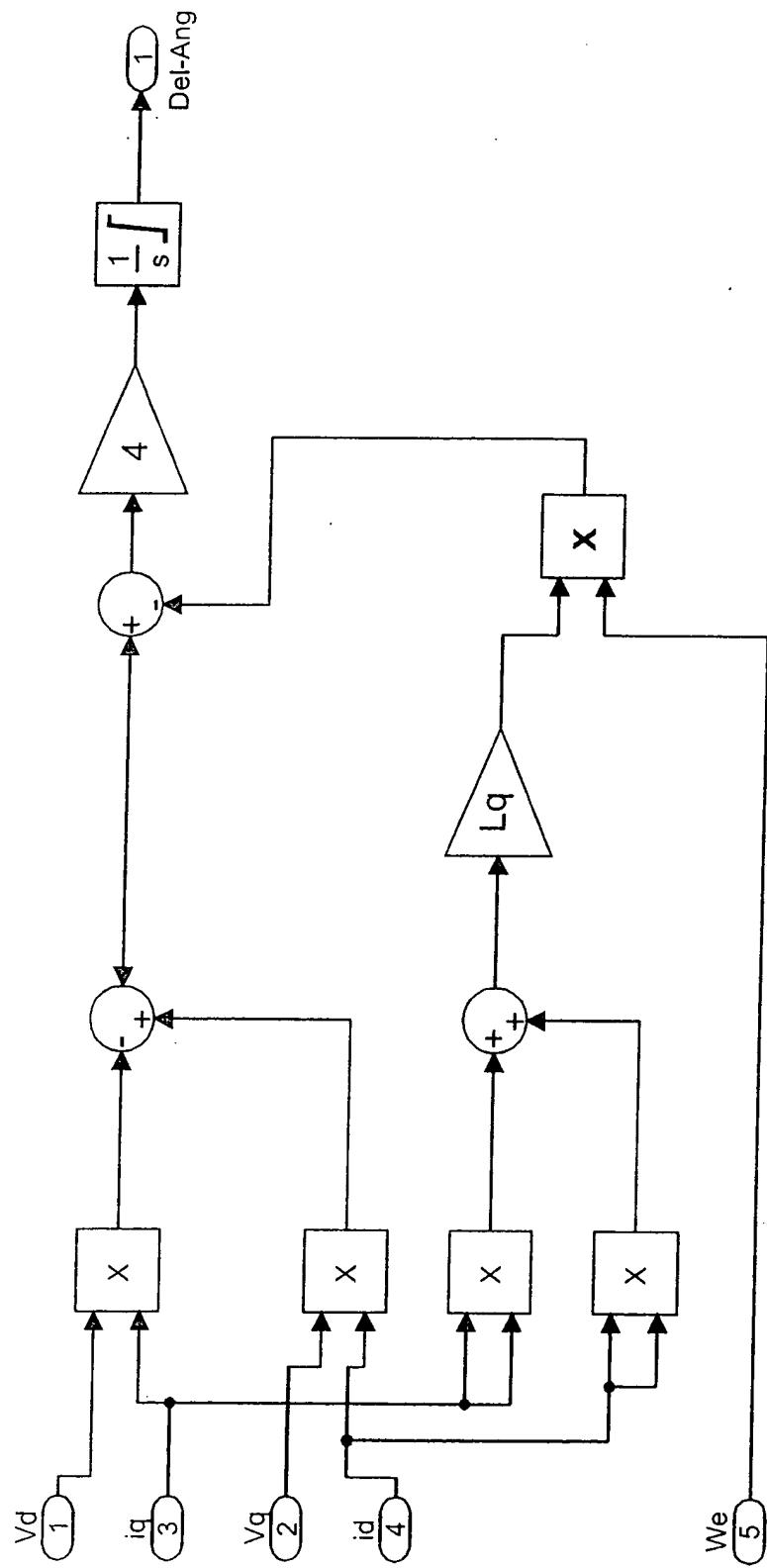


FIGURE 4

FIG. 5 Reactive power error vs Rotor angle error

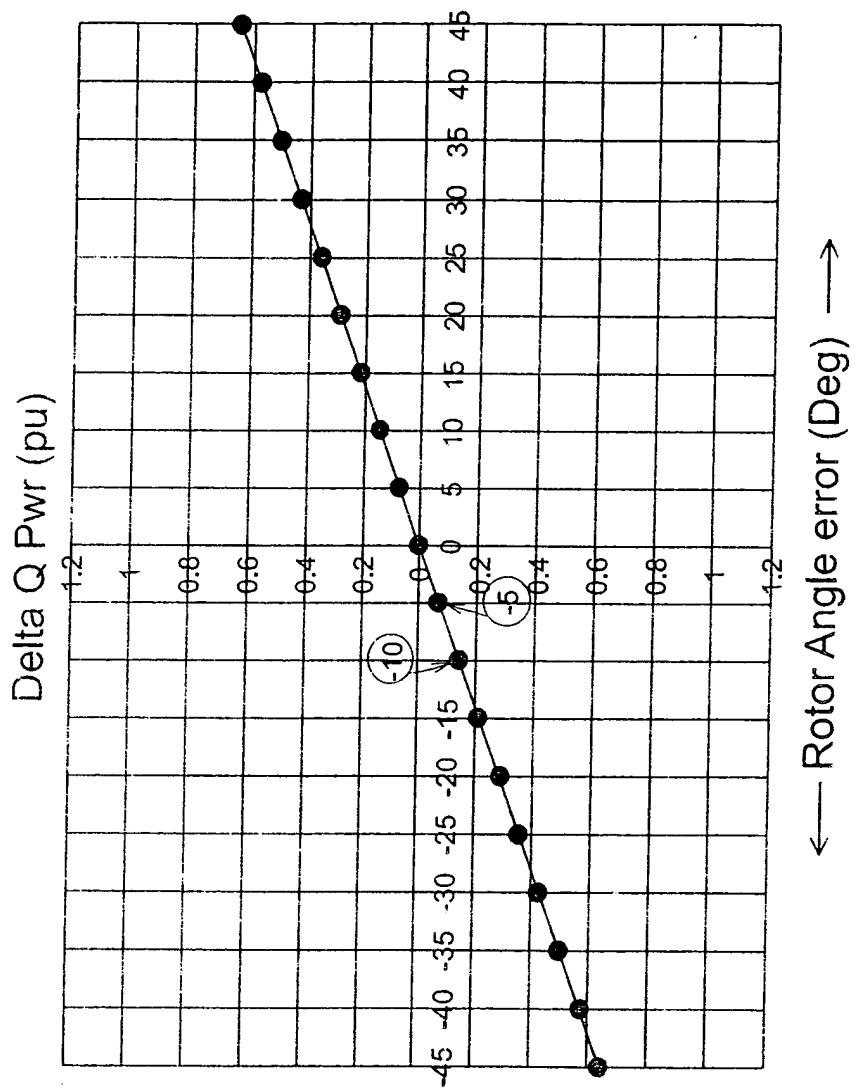
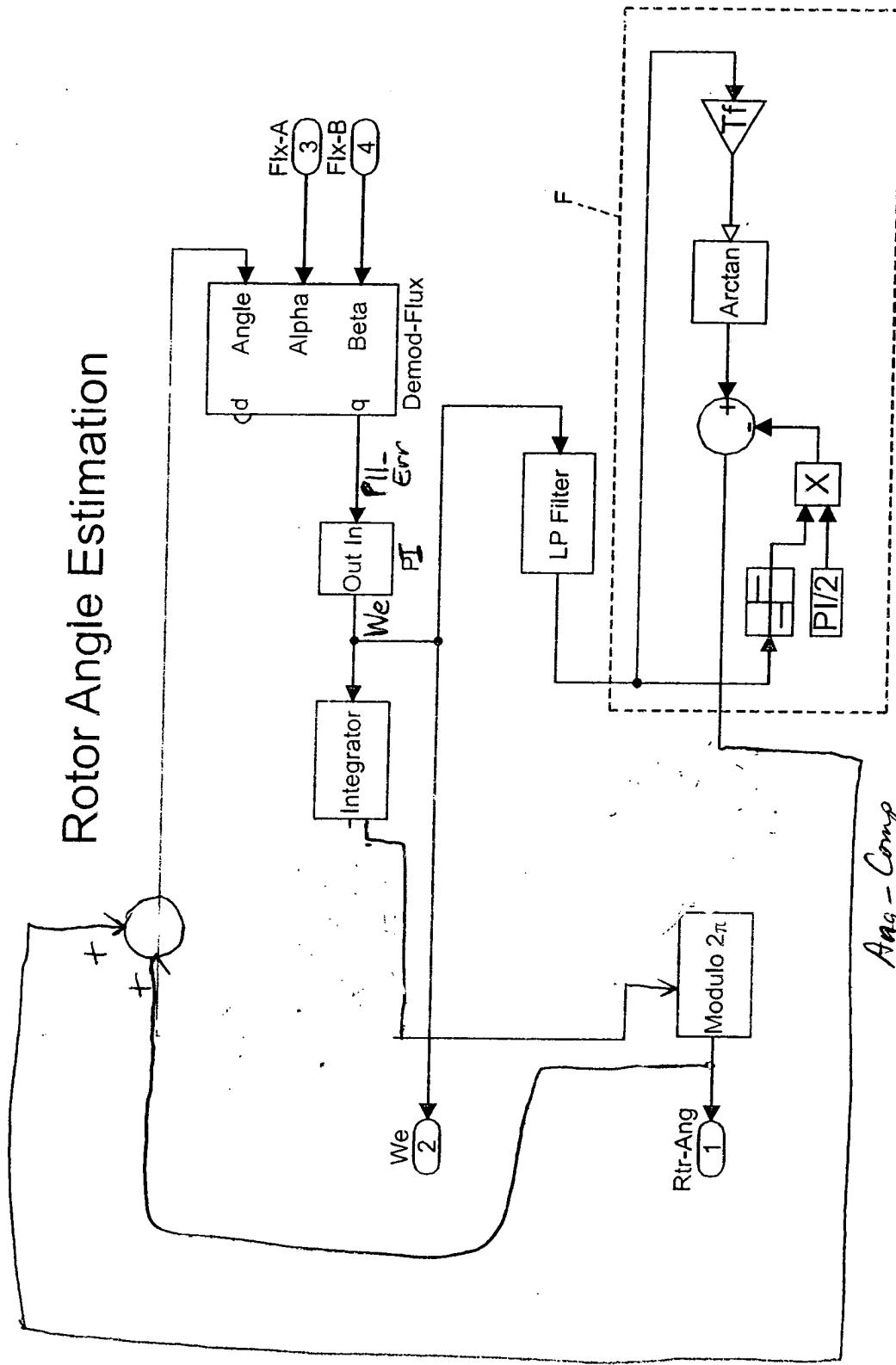


FIGURE 5

FIGURE 6

Aug - Camp



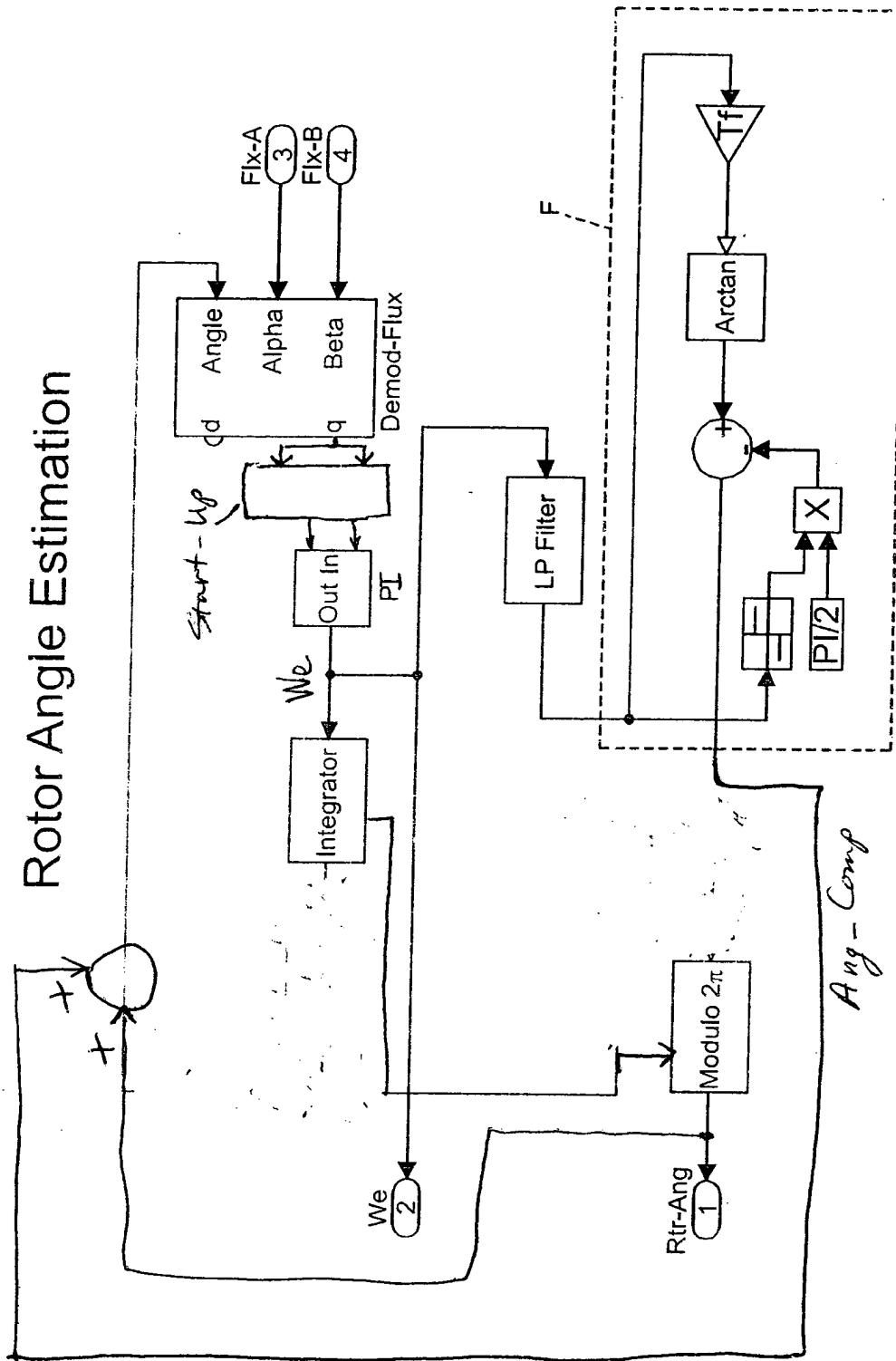


FIGURE 17

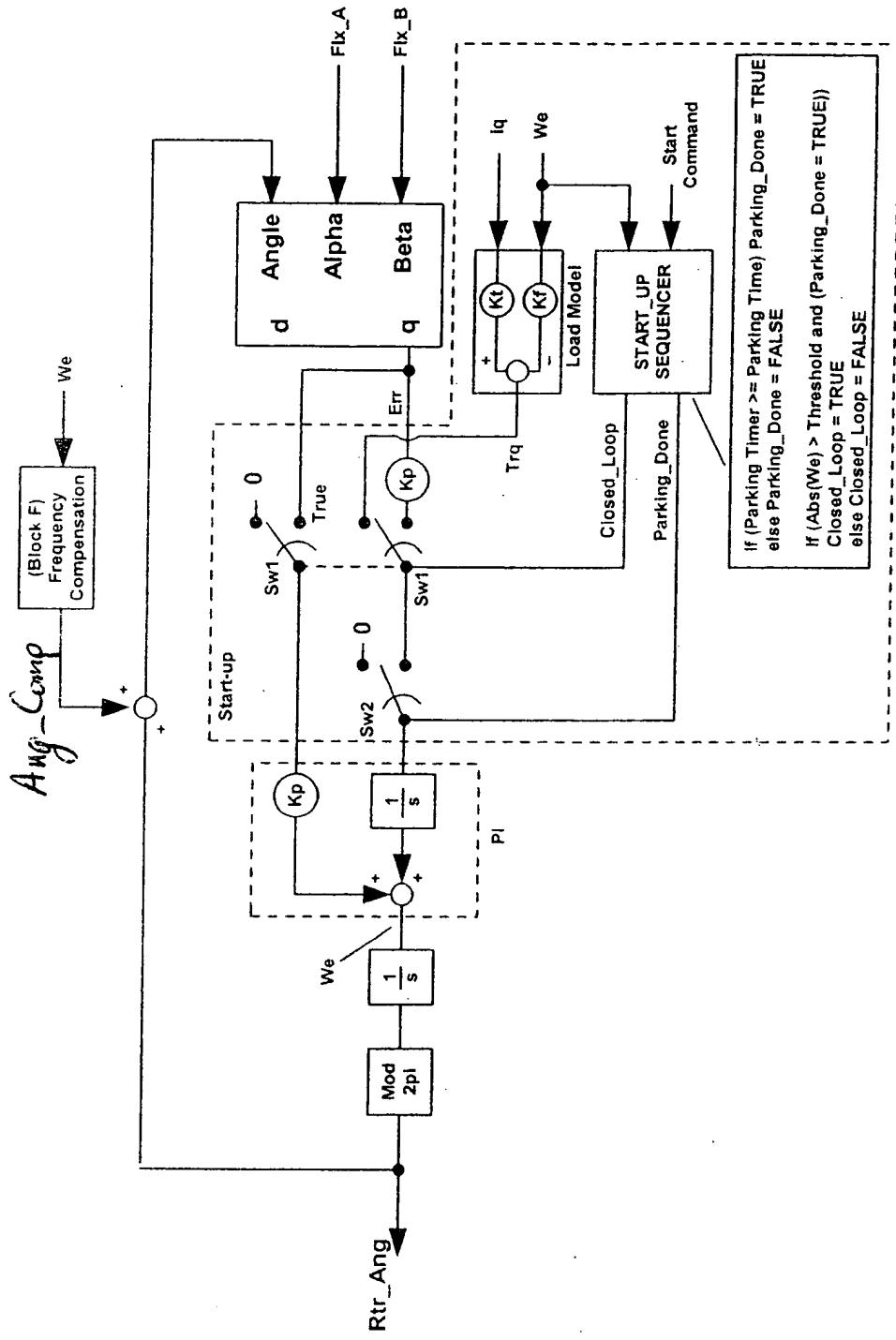


Fig. 8. Interface of Start-up module to PLL angle tracking module